

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/539,953
Source: PCT
Date Processed by STIC: 06-30-2005

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PCT

RAW SEQUENCE LISTING

DATE: 06/30/2005

PATENT APPLICATION: US/10/539,953

TIME: 09:08:22

Input Set : A:\WCM.96.ST25.txt

Output Set: N:\CRF4\06302005\J539953.raw

(Pg-6)

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3 <110> APPLICANT: University of Wales College of Medicine
4     COOPER, David N
5     KRAWCZAK, Michael
6     HEDDERICH, Jurgen
8 <120> TITLE OF INVENTION: Haplotype Partitioning
10 <130> FILE REFERENCE: WCM.96
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/539,953
C--> 13 <141> CURRENT FILING DATE: 2005-06-17
15 <150> PRIOR APPLICATION NUMBER: GB 0229725.7
16 <151> PRIOR FILING DATE: 2002-12-19
18 <160> NUMBER OF SEQ ID NOS: 40
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 16
24 <212> TYPE: DNA
25 <213> ORGANISM: human
27 <400> SEQUENCE: 1
28 ggggggtatg aagaat                                     16
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 16
33 <212> TYPE: DNA
34 <213> ORGANISM: human
36 <400> SEQUENCE: 2
37 gggggtagg gagaat                                     16
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 16
42 <212> TYPE: DNA
43 <213> ORGANISM: human
45 <400> SEQUENCE: 3
46 gggttgtagg aagaat                                     16
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 16
51 <212> TYPE: DNA
52 <213> ORGANISM: human
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (10)..(10)
57 <223> OTHER INFORMATION: note = n may be any nucleotide
60 <400> SEQUENCE: 4
W--> 61 gggttgtagn aagaat                                     16
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 16
66 <212> TYPE: DNA

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67 <213> ORGANISM: human
69 <400> SEQUENCE: 5
70 ggggggttggg gagaat 16
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 16
75 <212> TYPE: DNA
76 <213> ORGANISM: human
78 <220> FEATURE:
79 <221> NAME/KEY: misc_feature
80 <222> LOCATION: (10)..(10)
81 <223> OTHER INFORMATION: note = n may be any nucleotide
84 <400> SEQUENCE: 6
W--> 85 gggttgtagn aagaag 16
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 16
90 <212> TYPE: DNA
91 <213> ORGANISM: human
93 <400> SEQUENCE: 7
94 ggggggttagg gtgaat 16
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 16
99 <212> TYPE: DNA
100 <213> ORGANISM: human
102 <400> SEQUENCE: 8
103 gggttgtagg gagaat 16
106 <210> SEQ ID NO: 9
107 <211> LENGTH: 16
108 <212> TYPE: DNA
109 <213> ORGANISM: human
111 <400> SEQUENCE: 9
112 ggggggttatg gagaat 16
115 <210> SEQ ID NO: 10
116 <211> LENGTH: 16
117 <212> TYPE: DNA
118 <213> ORGANISM: human
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (10)..(10)
123 <223> OTHER INFORMATION: note = n may be any nucleotide
126 <400> SEQUENCE: 10
W--> 127 gggttgtagn gagaat 16
130 <210> SEQ ID NO: 11
131 <211> LENGTH: 16
132 <212> TYPE: DNA
133 <213> ORGANISM: human
135 <400> SEQUENCE: 11
136 ggggggttggg gaggct 16
139 <210> SEQ ID NO: 12
140 <211> LENGTH: 16

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141 <212> TYPE: DNA
142 <213> ORGANISM: human
144 <400> SEQUENCE: 12
145 gggggttagg aagaat 16
148 <210> SEQ ID NO: 13
149 <211> LENGTH: 16
150 <212> TYPE: DNA
151 <213> ORGANISM: human
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: (3)..(3)
156 <223> OTHER INFORMATION: note = n may be any nucleotide
159 <400> SEQUENCE: 13
W--> 160 ggnggttggg gagaat 16
163 <210> SEQ ID NO: 14
164 <211> LENGTH: 16
165 <212> TYPE: DNA
166 <213> ORGANISM: human
168 <400> SEQUENCE: 14
169 gggggtcagg gtgaat 16
172 <210> SEQ ID NO: 15
173 <211> LENGTH: 16
174 <212> TYPE: DNA
175 <213> ORGANISM: human
177 <400> SEQUENCE: 15
178 gggttgtagg gtgaat 16
181 <210> SEQ ID NO: 16
182 <211> LENGTH: 16
183 <212> TYPE: DNA
184 <213> ORGANISM: human
186 <400> SEQUENCE: 16
187 gggggttggg aagaat 16
190 <210> SEQ ID NO: 17
191 <211> LENGTH: 16
192 <212> TYPE: DNA
193 <213> ORGANISM: human
195 <220> FEATURE:
196 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (3)..(3)
198 <223> OTHER INFORMATION: note = n may be any nucleotide
201 <400> SEQUENCE: 17
W--> 202 ggnggttagg gagaat 16
205 <210> SEQ ID NO: 18
206 <211> LENGTH: 16
207 <212> TYPE: DNA
208 <213> ORGANISM: human
210 <220> FEATURE:
211 <221> NAME/KEY: misc_feature
212 <222> LOCATION: (10)..(10)

```

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```

213 <223> OTHER INFORMATION: note = n may be any nucleotide
216 <400> SEQUENCE: 18
W--> 217 ggggggttagn gagaat 16
220 <210> SEQ ID NO: 19
221 <211> LENGTH: 16
222 <212> TYPE: DNA
223 <213> ORGANISM: human
225 <400> SEQUENCE: 19
226 aggggttagg gagaat 16
229 <210> SEQ ID NO: 20
230 <211> LENGTH: 16
231 <212> TYPE: DNA
232 <213> ORGANISM: human
234 <220> FEATURE:
235 <221> NAME/KEY: misc_feature
236 <222> LOCATION: (10)..(10)
237 <223> OTHER INFORMATION: note = n may be any nucleotide
240 <400> SEQUENCE: 20
W--> 241 ggggggttagn aagaat 16
244 <210> SEQ ID NO: 21
245 <211> LENGTH: 16
246 <212> TYPE: DNA
247 <213> ORGANISM: human
249 <400> SEQUENCE: 21
250 ggggggttggg gagaag 16
253 <210> SEQ ID NO: 22
254 <211> LENGTH: 16
255 <212> TYPE: DNA
256 <213> ORGANISM: human
258 <400> SEQUENCE: 22
259 ggggtgtatg aagaat 16
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 16
264 <212> TYPE: DNA
265 <213> ORGANISM: human
267 <400> SEQUENCE: 23
268 ggggggttagg aagaat 16
271 <210> SEQ ID NO: 24
272 <211> LENGTH: 16
273 <212> TYPE: DNA
274 <213> ORGANISM: human
276 <220> FEATURE:
277 <221> NAME/KEY: misc_feature
278 <222> LOCATION: (10)..(10)
279 <223> OTHER INFORMATION: note = n may be any nucleotide
282 <400> SEQUENCE: 24
W--> 283 ggggtgtggn aagaat 16
286 <210> SEQ ID NO: 25
287 <211> LENGTH: 16

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```

288 <212> TYPE: DNA
289 <213> ORGANISM: human
291 <400> SEQUENCE: 25
292 ggggttgtagg aagaag 16
295 <210> SEQ ID NO: 26
296 <211> LENGTH: 16
297 <212> TYPE: DNA
298 <213> ORGANISM: human
300 <400> SEQUENCE: 26
301 ggggggttggg gtgaat 16
304 <210> SEQ ID NO: 27
305 <211> LENGTH: 16
306 <212> TYPE: DNA
307 <213> ORGANISM: human
309 <400> SEQUENCE: 27
310 ggggggttatg aagaat 16
313 <210> SEQ ID NO: 28
314 <211> LENGTH: 16
315 <212> TYPE: DNA
316 <213> ORGANISM: human
318 <220> FEATURE:
319 <221> NAME/KEY: misc_feature
320 <222> LOCATION: (10)..(10)
321 <223> OTHER INFORMATION: note = n may be any nucleotide
324 <400> SEQUENCE: 28
W--> 325 ggggggttagn aagaat 16
328 <210> SEQ ID NO: 29
329 <211> LENGTH: 16
330 <212> TYPE: DNA
331 <213> ORGANISM: human
333 <400> SEQUENCE: 29
334 agggggttagg aagaat 16
337 <210> SEQ ID NO: 30
338 <211> LENGTH: 16
339 <212> TYPE: DNA
340 <213> ORGANISM: human
342 <220> FEATURE:
343 <221> NAME/KEY: misc_feature
344 <222> LOCATION: (3)..(3)
345 <223> OTHER INFORMATION: note = n may be any nucleotide
348 <400> SEQUENCE: 30
W--> 349 ggngggttagg aagaat 16
352 <210> SEQ ID NO: 31
353 <211> LENGTH: 16
354 <212> TYPE: DNA
355 <213> ORGANISM: human
357 <220> FEATURE:
358 <221> NAME/KEY: misc_feature
359 <222> LOCATION: (10)..(10)

```

RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 10 ✓

Seq#:6; N Pos. 10 ✓

Seq#:10; N Pos. 10 ✓

Seq#:13; N Pos. 3 ✓

Seq#:17; N Pos. 3 ✓

Seq#:18; N Pos. 10 ✓

Seq#:20; N Pos. 10 ✓

Seq#:24; N Pos. 10 ✓

Seq#:28; N Pos. 10 ✓

Seq#:30; N Pos. 3 ✓

Seq#:31; N Pos. 10 ✓

Seq#:34; N Pos. 3 ✓

VERIFICATION SUMMARY

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Input Set : A:\WCM.96.ST25.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0